

CLAIMS

1. An indicator control system with a camera section, which switches from a measurement value display mode for showing measurement data of an object to be monitored of a construction machine to a camera display mode of a camera section mounted on the construction machine and vice versa by using a switching means and displays a selected mode on a monitor section, characterized in that

the switching means consists of manual switching using an input means such as a predetermined switch provided near an operator's seat or on an indicator.

2. An indicator control system with a camera section, which switches from a measurement value display mode for showing measurement data of an object to be monitored of a construction machine to a camera display mode of a camera section mounted on the construction machine and vice versa by using a switching means and displays a selected mode on a monitor section, characterized in that

the switching means consists of automatic switching effected by detection of a previously registered operation of a predetermined operation member.

3. An indicator control system with a camera section, which switches from a measurement value display mode for showing measurement data of an object to be monitored of a construction machine to a camera display mode of a camera section mounted on the construction machine and vice versa by using a switching means and displays a selected mode on

a monitor section, characterized in that

the switching means consists of a switching means that performs switching automatically when an indicator alarm judging means judges that display of an alarm screen is necessary.

4. An indicator control system with a camera section, which switches from a measurement value display mode for showing measurement data of an object to be monitored of a construction machine to a camera display mode of a camera section mounted on the construction machine and vice versa by using a switching means and displays a selected mode on a monitor section, characterized in that

the switching means consists of manual switching using an input means such as a predetermined switch provided near an operator's seat or on an indicator, automatic switching effected by detection of a previously registered operation of a predetermined operation member, and automatic switching effected when an indicator alarm judging means judges that display of an alarm screen is necessary.

5. The indicator control system with a camera section according to any one of claims 1 to 4, characterized in that

the camera section can be attached to a desired position of the construction machine;

when the camera section is arranged to monitor a rear of the construction machine, a current display mode on the monitor section is switched by detection of operation of a

running operation member;

when the camera section is arranged to monitor a side of the construction machine, a current display mode on the monitor section is switched by detection of operation of a swirl operation member; and

when the camera section is arranged to monitor a front of the construction machine, a current display mode on the monitor section is switched by detection of operation of a operation member for boom, arm, or bucket.

6. The indicator control system with a camera section according to any one of claims 1 to 4, characterized in that detection of a kind of the operation member serving as the switching means and a combination of operations can be changeably registered in memory.

7. The indicator control system with a camera section according to any one of claims 1 to 4, characterized in that

the camera section is provided with a camera control unit which changes a camera posture such as a photographing direction of the camera section and controls a focusing mechanism for a zoom lens of a camera; and

the indicator is provided with a camera control input means for sending a control signal to the camera control unit.

8. The indicator control system with a camera section according to claim 7, characterized in that the camera control input means consists of manual input using an input

means such as a predetermined switch provided on the indicator.

9. The indicator control system with a camera section according to claim 7, characterized in that the camera control input means consists of automatic input effected by detection of a previously registered operation of a predetermined operation member carried out by the whole or a part of the camera control input means.